

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062220\
 Data File : BN011009.D
 Acq On : 22 Jun 2020 15:04
 Operator : CG/JU
 Sample : L3033-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW005-200616

Quant Time: Jun 22 15:40:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

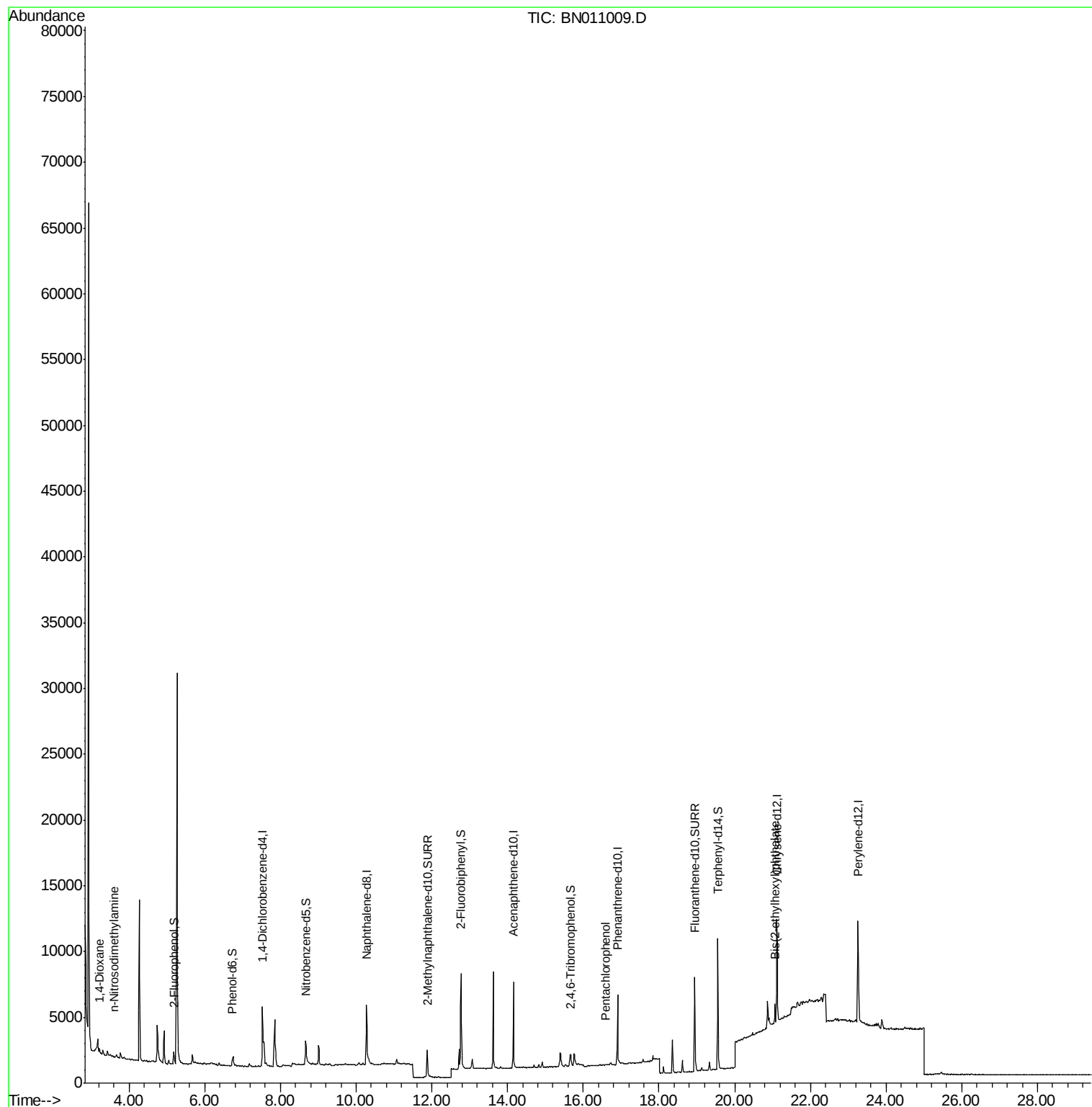
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2367	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7167	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3946	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8509	0.40	ng	0.00
27) Chrysene-d12	21.11	240	8010	0.40	ng	0.00
34) Perylene-d12	23.26	264	10097	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	795	0.17	ng	0.00
5) Phenol-d6	6.73	99	638	0.12	ng	0.00
8) Nitrobenzene-d5	8.67	82	2287	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	3490	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	643	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	7122	0.46	ng	0.00
25) Fluoranthene-d10	18.94	212	8681	0.37	ng	0.00
29) Terphenyl-d14	19.56	244	10118	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	194	0.084	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	36	0.027	ng	# 1
22) Pentachlorophenol	16.58	266	41	0.023	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.06	149	1211	0.154	ng	98

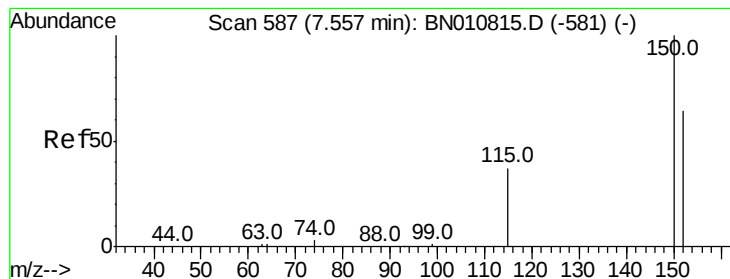
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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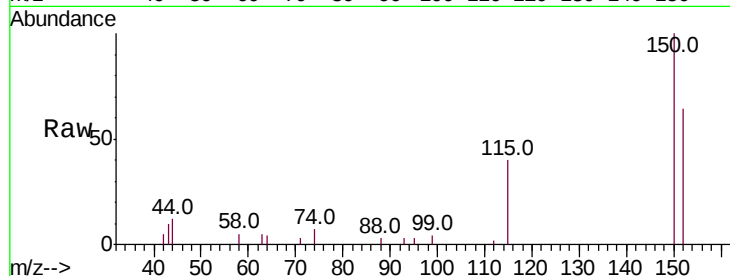


#1

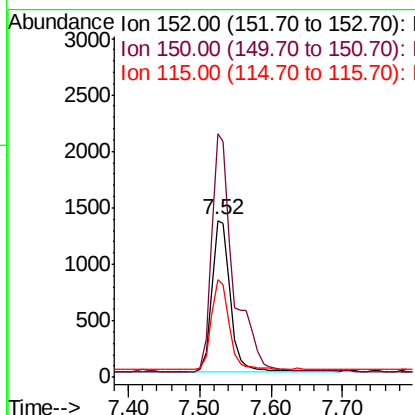
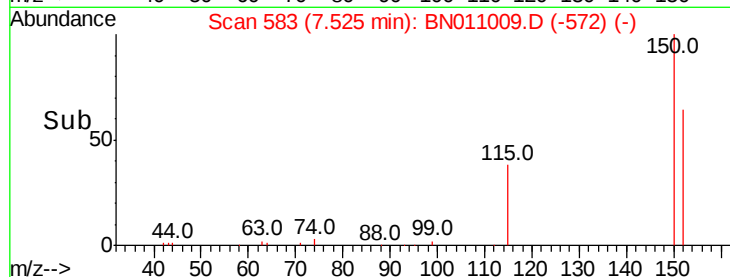
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

Instrument :
BNA_N
ClientSampleId :
LF017MW005-200616

Tot Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 62.6 49.2 73.8



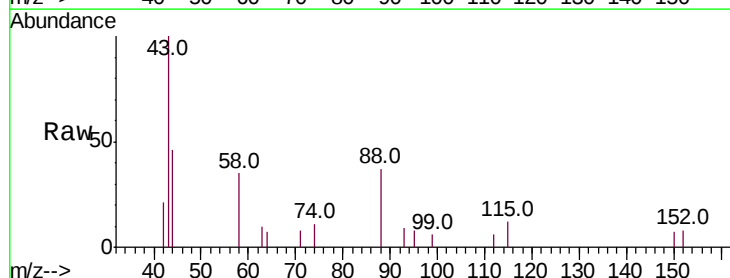
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



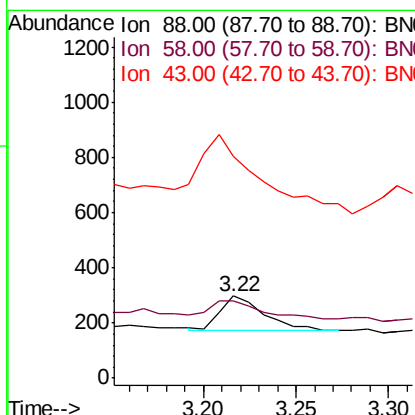
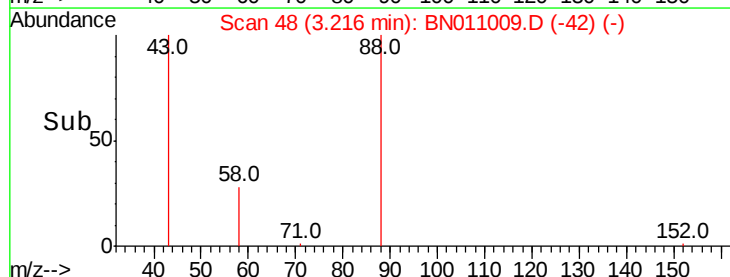
#2

1,4-Dioxane
Concen: 0.084 ng
RT: 3.22 min Scan# 48
Delta R.T. 0.00 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
58 68.0 38.2 57.4#
43 340.2 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



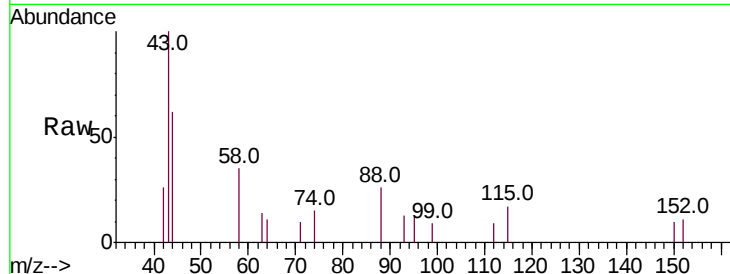


#3

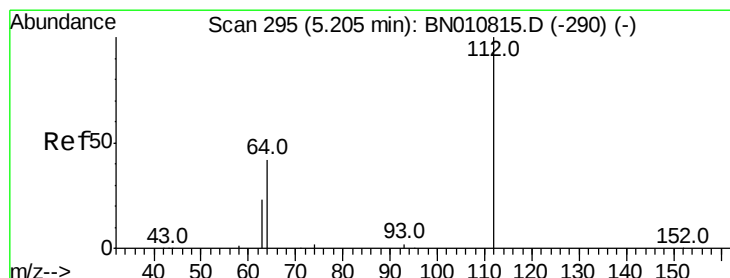
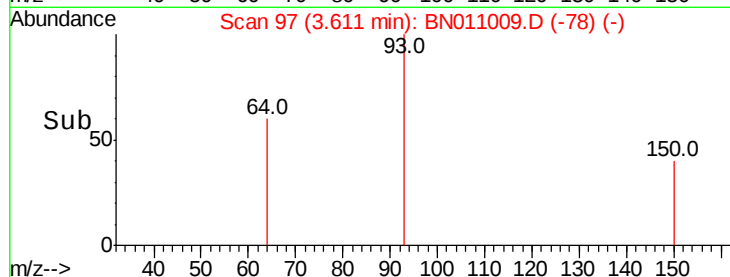
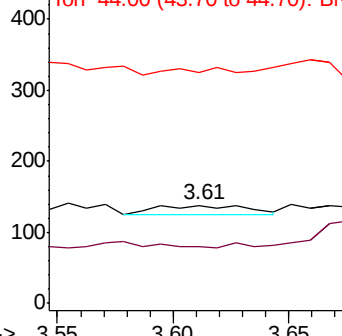
n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.61 min Scan# 97
 Delta R.T. 0.06 min
 Lab File: BN011009.D
 Acq: 22 Jun 2020 15:04

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW005-200616

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	140.7	211.1#
44	5.6	1.4	2.2#



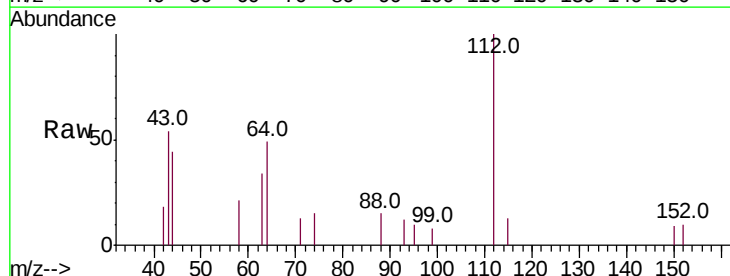
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



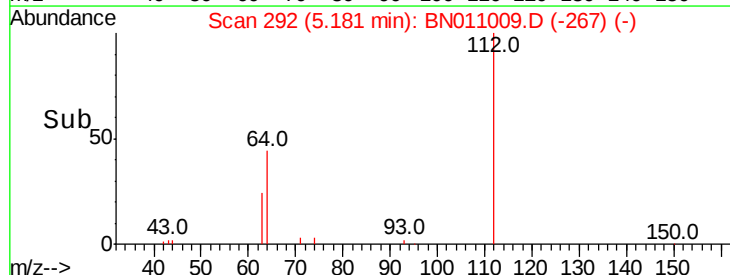
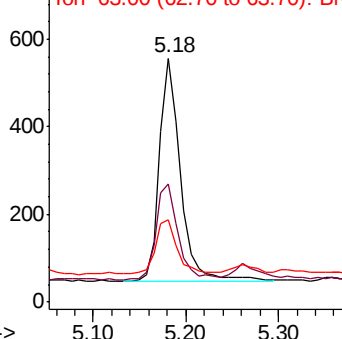
#4

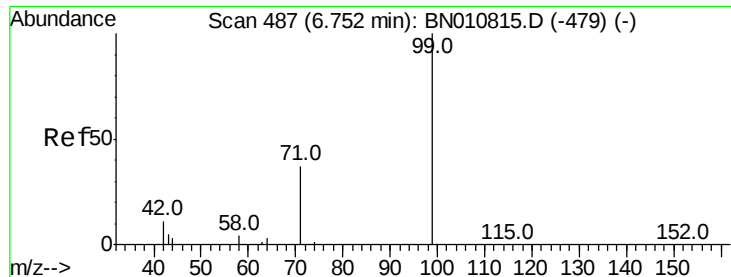
2-Fluorophenol
 Concen: 0.174 ng
 RT: 5.18 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011009.D
 Acq: 22 Jun 2020 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.0	37.4	56.0
63	25.9	22.2	33.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.119 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

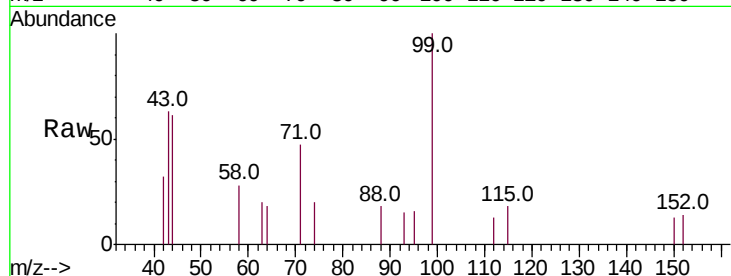
Tot Ion: 99 Resp: 638

Ion Ratio Lower Upper

99 100

42 18.5 11.1 16.7#

71 50.9 31.4 47.2#

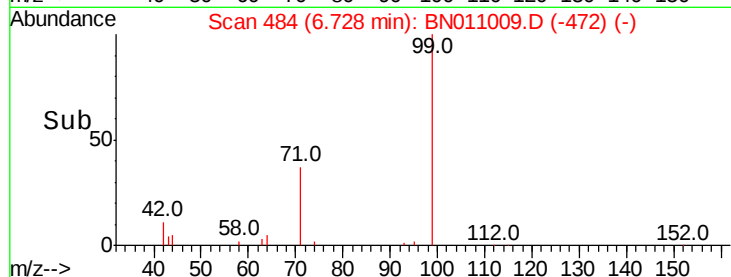


Abundance Ion 99.00 (98.70 to 99.70): BN011009.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011009.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011009.D (-472) (-)

Time-->



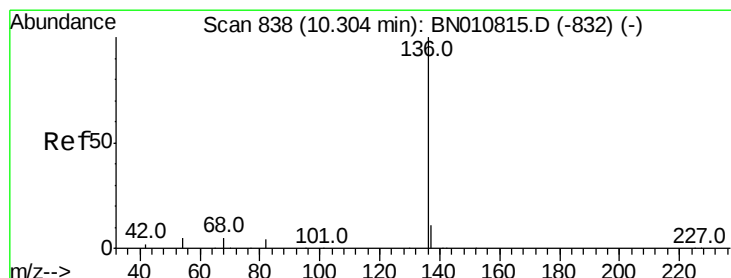
Abundance

Ion 99.00 (98.70 to 99.70): BN011009.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011009.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011009.D (-472) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

Tgt Ion:136 Resp: 7167

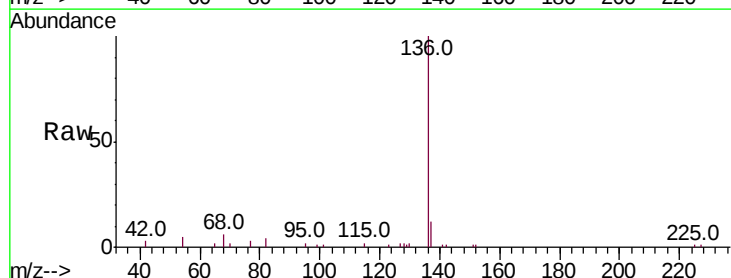
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 4.8 4.9 7.3#

68 5.6 4.7 7.1



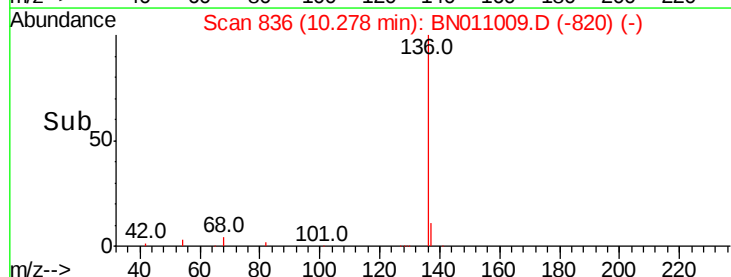
Abundance Ion 136.00 (135.70 to 136.70): BN011009.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011009.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011009.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011009.D (-820) (-)

Time-->



Abundance

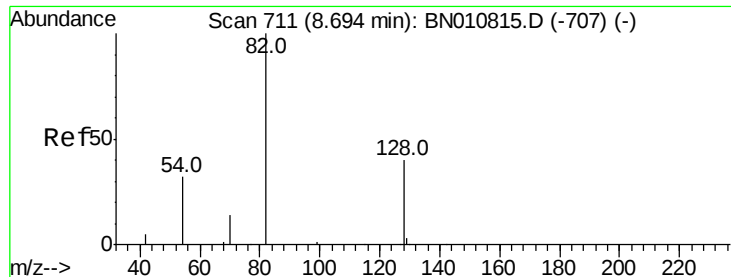
Ion 136.00 (135.70 to 136.70): BN011009.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN011009.D (-820) (-)

Ion 54.00 (53.70 to 54.70): BN011009.D (-820) (-)

Ion 68.00 (67.70 to 68.70): BN011009.D (-820) (-)

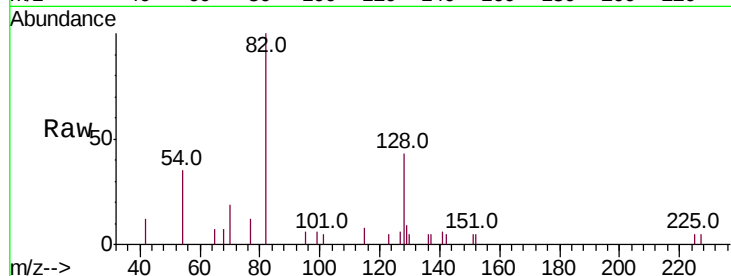
Time-->



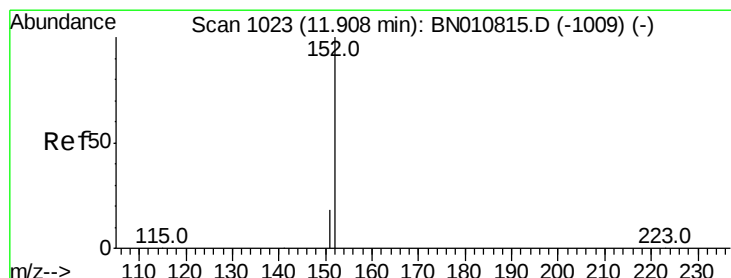
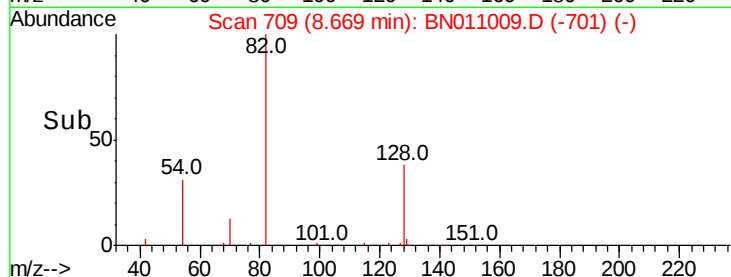
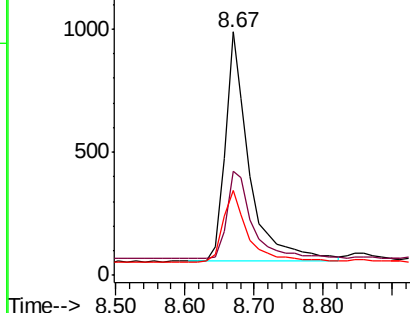
#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

Instrument :
BNA_N
ClientSampleId :
LF017MW005-200616

Tot Ion: 82 Resp: 2287
Ion Ratio Lower Upper
82 100
128 42.8 35.4 53.0
54 35.1 28.2 42.4

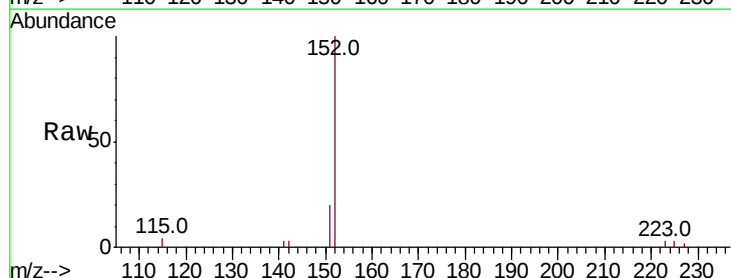


Abundance Ion 82.00 (81.70 to 82.70): BN011009.D (-707) (-)
Ion 128.00 (127.70 to 128.70): BN011009.D (-707) (-)
Ion 54.00 (53.70 to 54.70): BN011009.D (-707) (-)

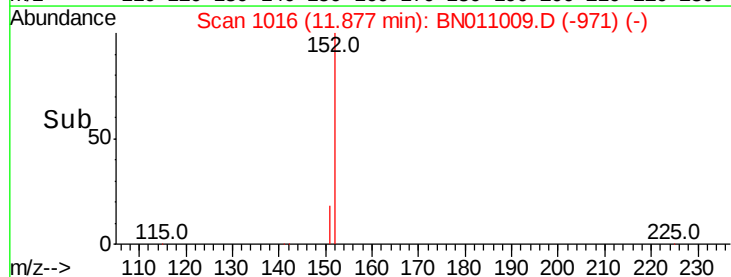
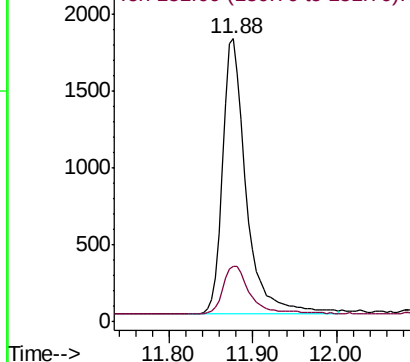


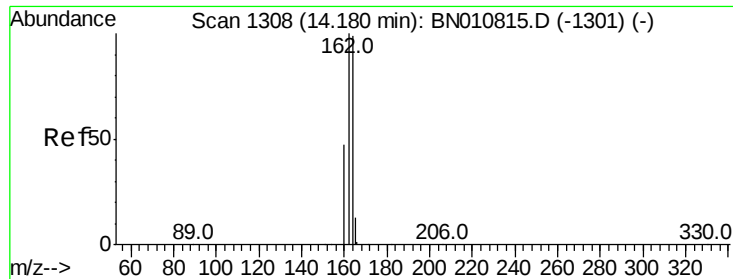
#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 11.88 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

Tgt Ion: 152 Resp: 3490
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN011009.D (-971) (-)
Ion 151.00 (150.70 to 151.70): BN011009.D (-971) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

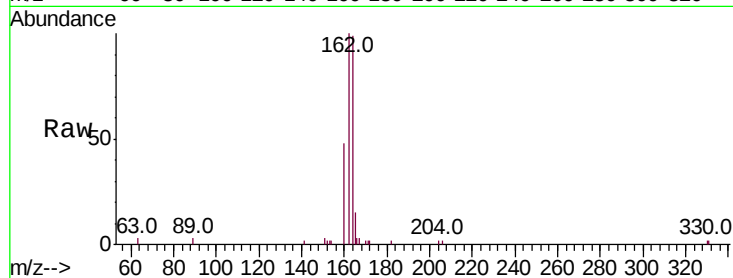
Tot Ion:164 Resp: 3946

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

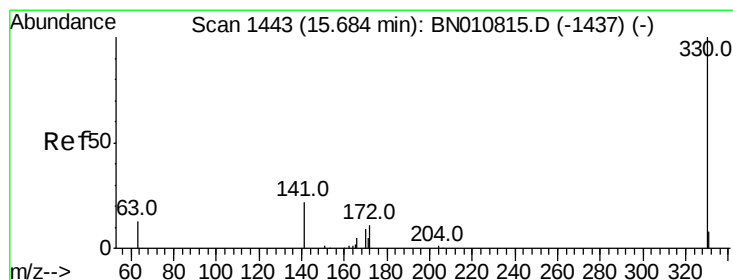
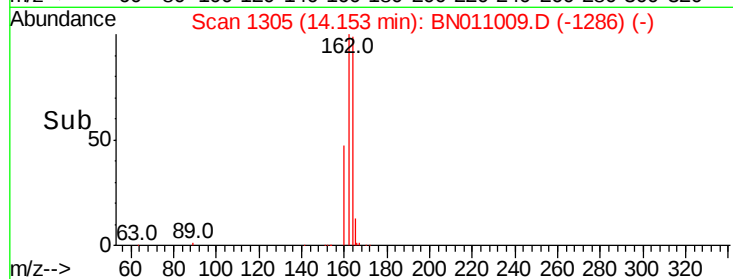
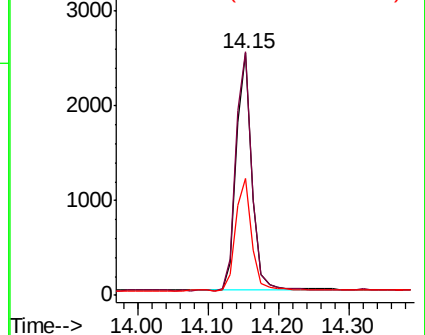
160 48.3 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.456 ng

RT: 15.66 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

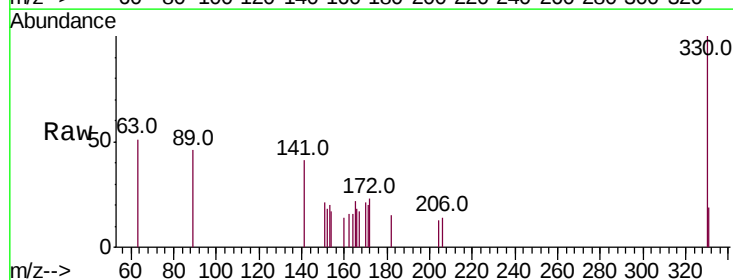
Tgt Ion:330 Resp: 643

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

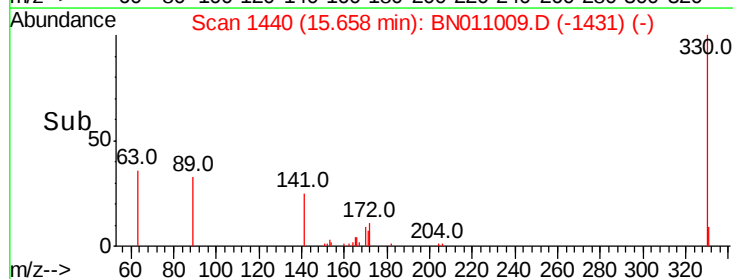
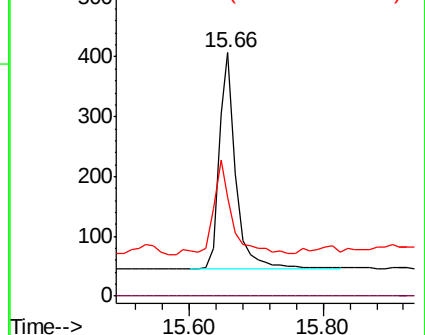
141 43.2 33.2 49.8

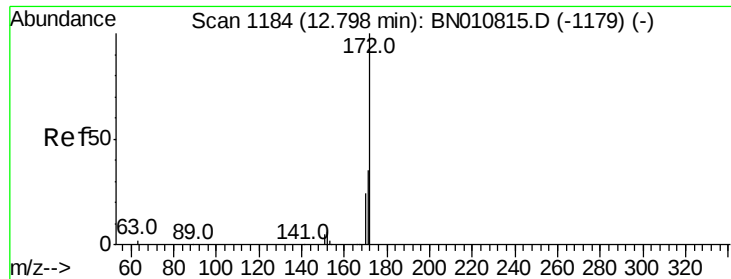


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



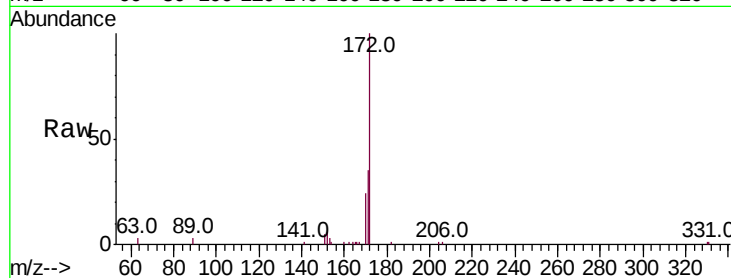


#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

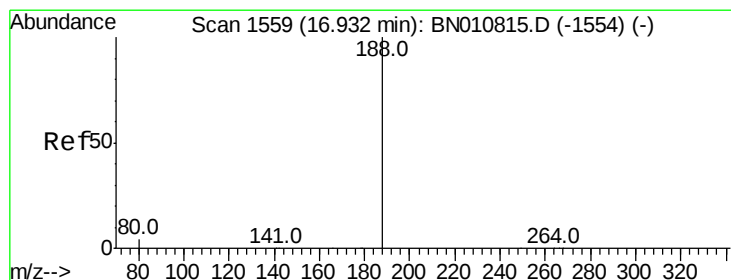
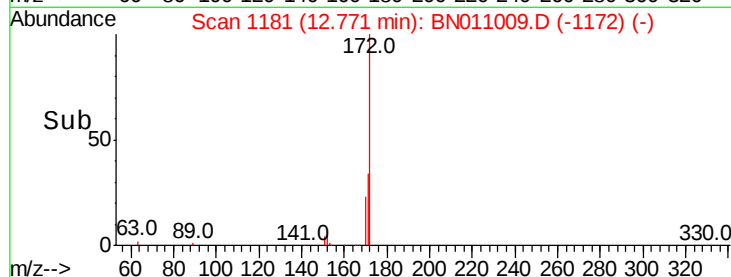
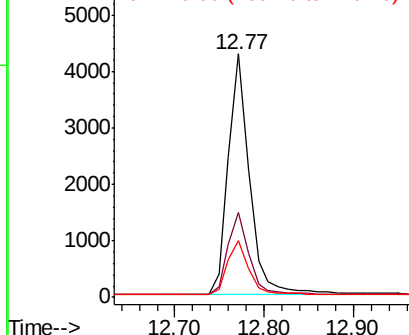
Instrument :
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Tot Ion:172 Resp: 7122

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.5	19.7	29.5



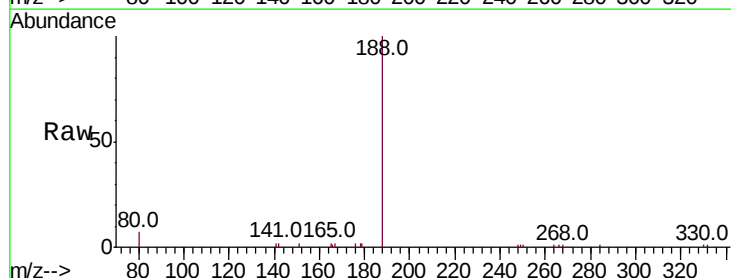
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



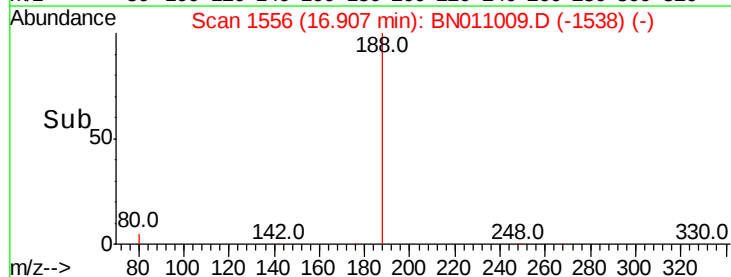
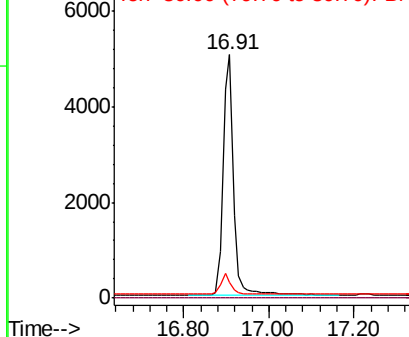
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN011009.D
Acq: 22 Jun 2020 15:04

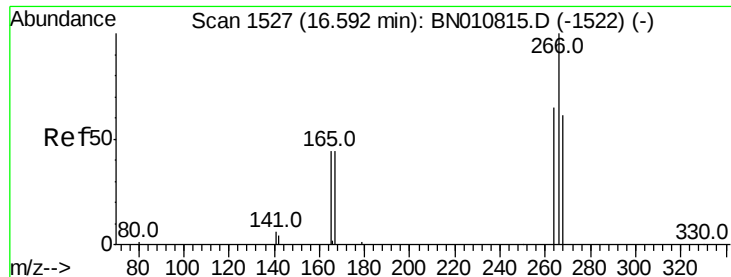
Tgt Ion:188 Resp: 8509

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	4.5	6.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





#22

Pentachlorophenol

Concen: 0.023 ng

RT: 16.58 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

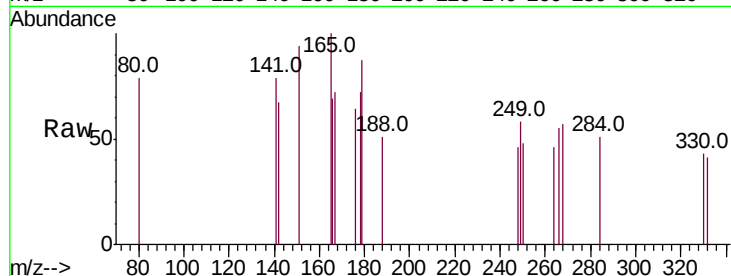
Tot Ion:266 Resp: 41

Ion Ratio Lower Upper

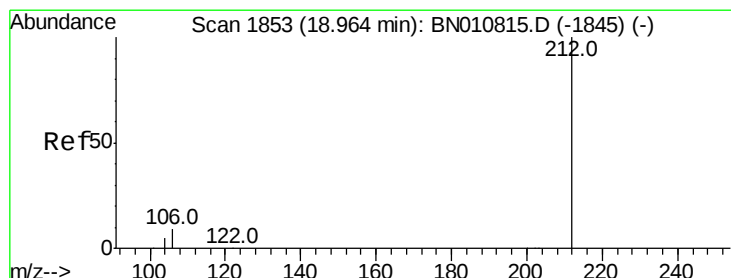
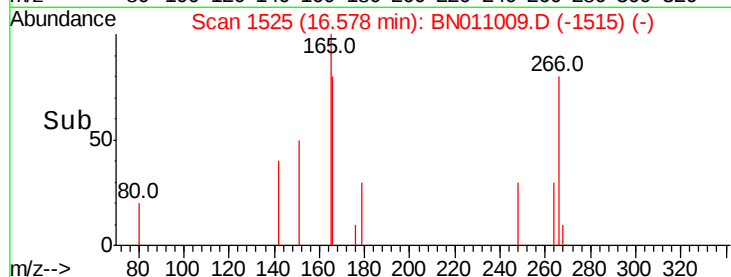
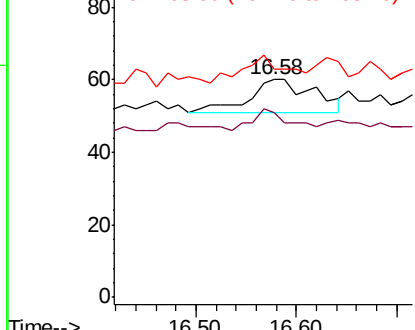
266 100

264 85.0 54.8 82.2#

268 105.0 55.9 83.9#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.94 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

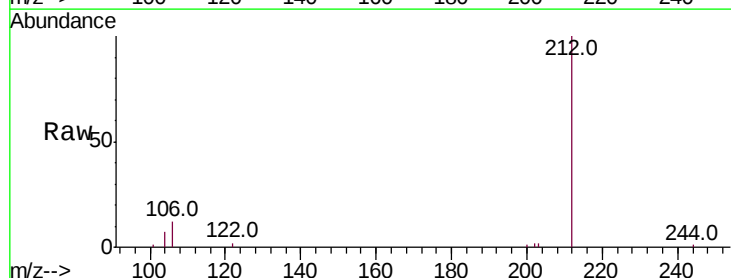
Tgt Ion:212 Resp: 8681

Ion Ratio Lower Upper

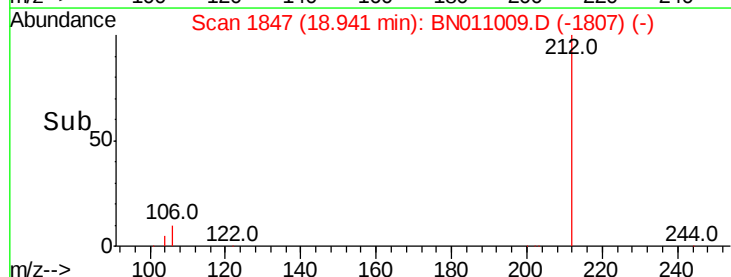
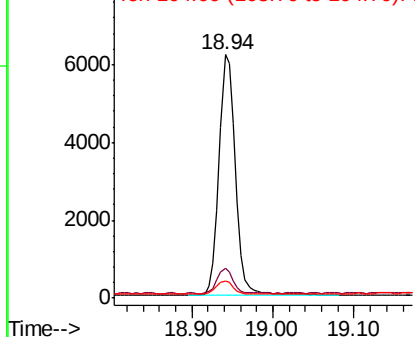
212 100

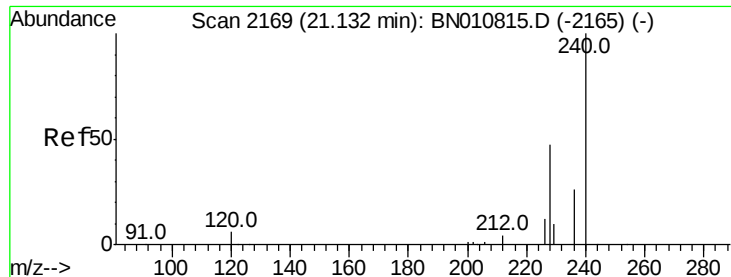
106 9.7 6.6 10.0

104 5.5 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

Instrument :

BNA_N

ClientSampleId :

LF017MW005-200616

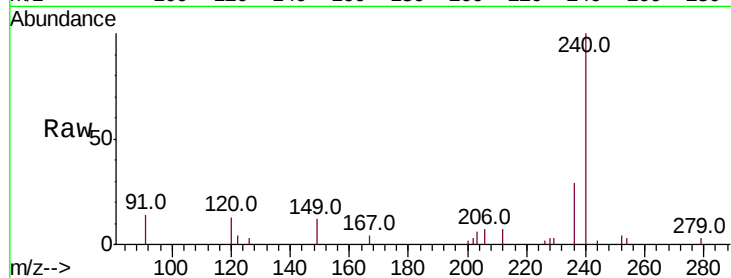
Tot Ion:240 Resp: 8010

Ion Ratio Lower Upper

240 100

120 13.3 7.5 11.3#

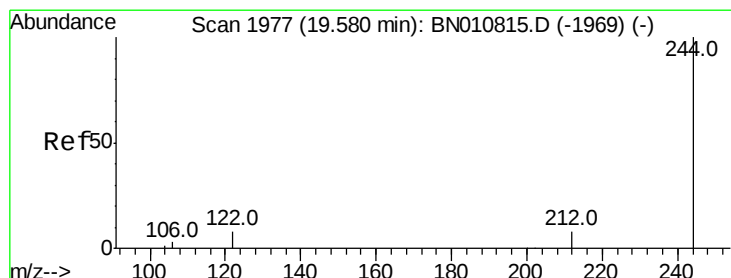
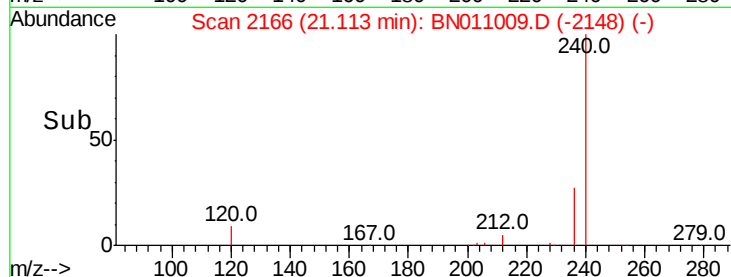
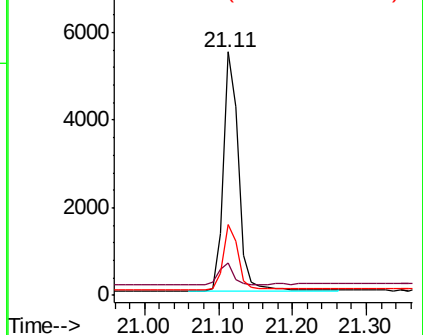
236 29.1 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.540 ng

RT: 19.56 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BN011009.D

Acq: 22 Jun 2020 15:04

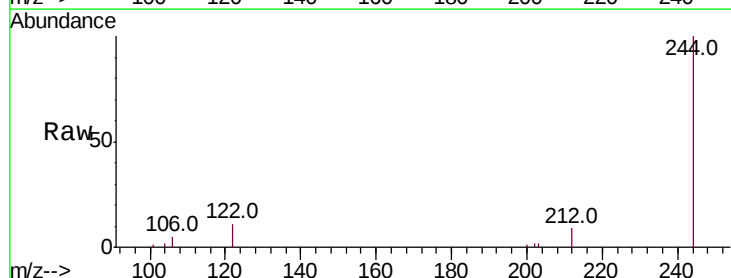
Tgt Ion:244 Resp: 10118

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

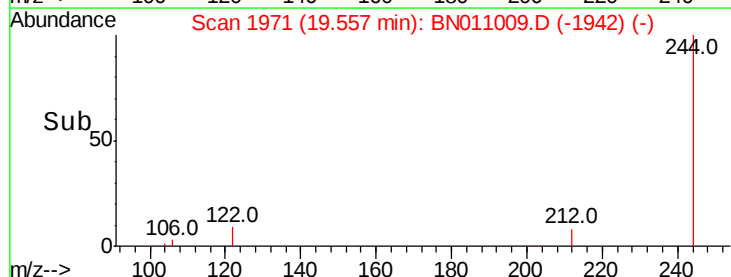
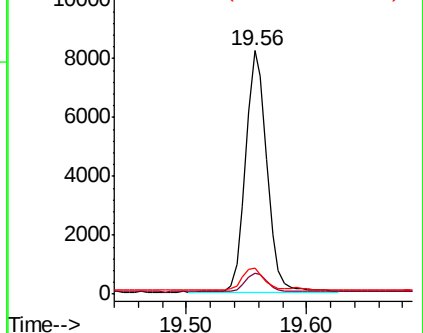
122 10.8 7.5 11.3

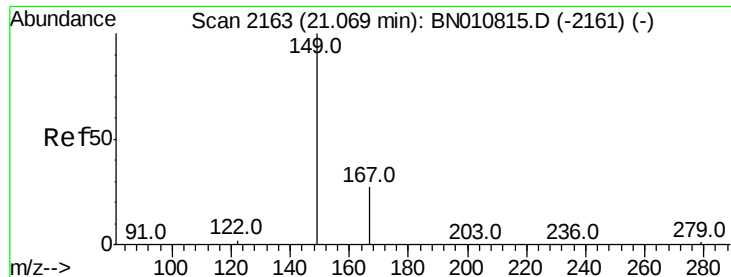


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

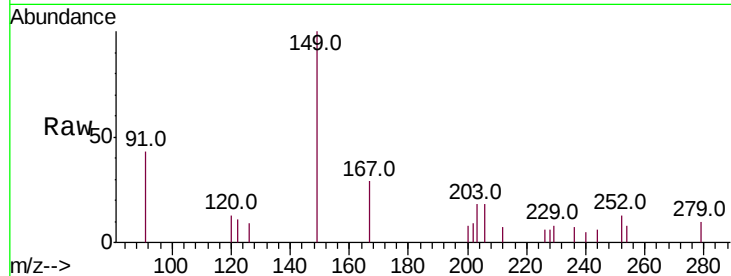




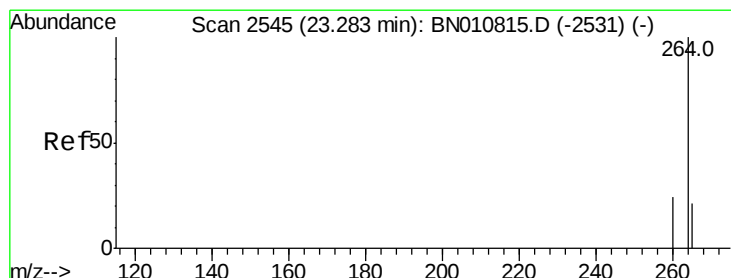
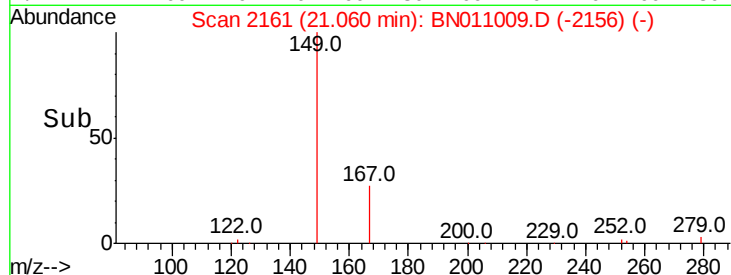
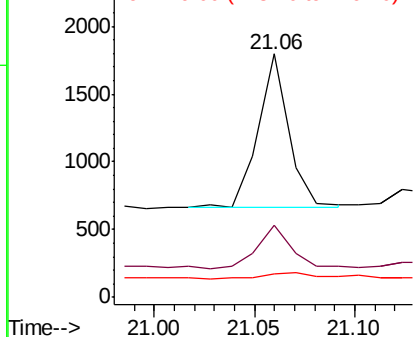
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.06 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BN011009.D
 Acq: 22 Jun 2020 15:04

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW005-200616

Tot Ion:149 Resp: 1211
 Ion Ratio Lower Upper
 149 100
 167 29.2 24.1 36.1
 279 6.7 4.6 7.0

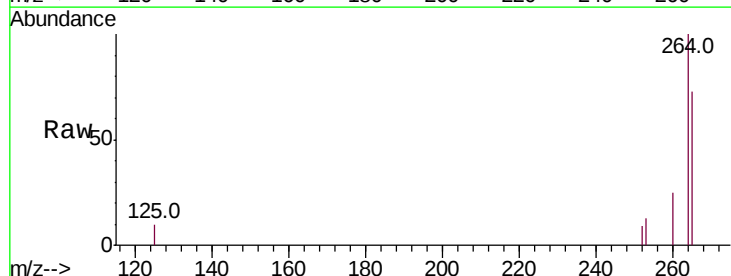


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BN011009.D
 Acq: 22 Jun 2020 15:04

Tgt Ion:264 Resp: 10097
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.4 30.6
 265 72.7 75.0 112.4#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

